

Converting Colors

XYZ(69.7134, 74.4410, 47.2869)

Have a look what the booklet for
XYZ(69.7134, 74.4410, 47.2869)
contains.

XYZ(69.6384, 74.2661, 47.2237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.6384, 74.2661,
47.2237)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DFA7
RGB	241, 223, 167
RGB Percent	95%, 87%, 65%
CMY	0.0549, 0.1255, 0.3451
CMYK	0.00, 0.07, 0.31, 0.05
HSL	45°, 73%, 80%
HSV	45°, 31%, 95%
XYZ	69.6384, 74.2661, 47.2237
YIQ	221.9980, 28.7040, -13.6000

Conversions

Conversions Part 2

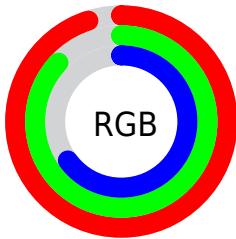
Format	Color
R_{YB}	191, 241, 167
Decimal	15851431
CIE _{Lab}	89.05, -2.04, 29.73
CIE _{LCh}	89, 29.797, 93.924
Yxy	74.2661, 0.3644, 0.3886
Android (android.graphics.Color)	4294041511 (0xFFFF1DFA7)
YUV	221.9980, -27.1140, 16.6648
Hunter-Lab	86.1778, -6.5691, 27.8347

Details

The XYZ color **69.6384, 74.2661, 47.2237** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1623, 49.2631, 90.1370**, and the grayscale version is **69.6026, 73.2273, 79.7446**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **36.8643, 39.4334, 21.8881** is the 20% darker color. If you saturate the color by 10%, you get **66.0766, 70.3818, 36.0501**, and if you desaturate by 10%, it is **73.6734, 78.4317, 60.6050**.

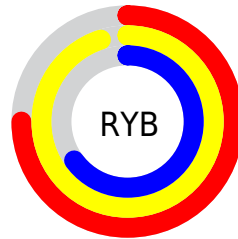
Distribution



Red (95%)

Green (87%)

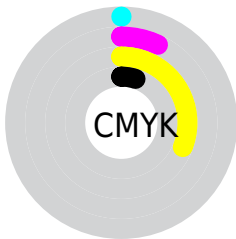
Blue (65%)



Red (75%)

Yellow (95%)

Blue (65%)

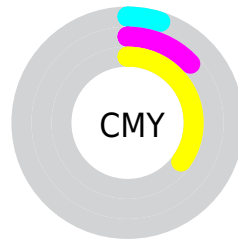


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6384, 74.2661, 47.2237 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.6384, 74.2661, 47.2237 by changing the saturation by 10% instead.

69.6384, 74.2661,
47.2237

69.6384, 74.2661,
47.2237

448.5656,
475.3913, 392.1263

51.5103, 55.0119,
32.8569

117.7220,
125.2730, 87.4009

36.8376, 39.4112,
21.7466

148.4083,
157.7944, 114.0484

25.2549, 27.0798,
13.4743

184.0113,
195.5069, 145.6266

16.3968, 17.6331,
7.6214

224.8965,
238.7951, 182.5540

9.8980, 10.6869,
3.7694

271.4292,
288.0432, 225.2491

5.3931, 5.8567,
1.4997

323.9746,

2.5168, 2.7582,

343.6357, 274.1305

0.2177

382.8983,
405.9569, 329.6167

■ 0.9037, 1.0068,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6384, 74.2661,
47.2237

■ 69.6384, 74.2661,
47.2237

■ 66.0766, 70.3818,
36.0501

■ 73.6734, 78.4317,
60.6050

■ 62.9588, 66.7582,
26.9578

■ 78.1977, 82.8780,
76.3019

■ 60.2608, 63.3876,
19.8145

■ 83.2338, 87.6174,
94.4206

■ 57.9538, 60.2575,
14.4708

■ 87.4180, 92.1053,
107.7784

■ 56.0047, 57.3538,
10.7556

■ 89.2332, 95.7356,
108.3835

■ 54.3742, 54.6597,
8.4641

■ 90.0858, 97.4409,
108.6677

■ 53.0848, 52.3189,
7.3007

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8923, 74.2661, 50.0514



69.6384, 74.2661, 47.2237



63.0925, 74.2661, 52.0612

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6384, 74.2661, 47.2237



59.6441, 74.2661, 105.2446



83.8593, 74.2661, 99.7060

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.6384, 74.2661, 47.2237



49.1623, 49.2631, 90.1370

Split Complementary

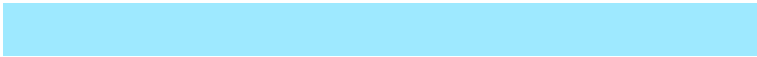
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6542, 74.2661, 118.7072



69.6384, 74.2661, 47.2237



64.6375, 74.2661, 122.2698

Square

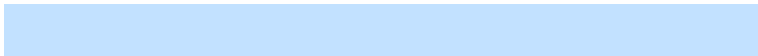
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6384, 74.2661, 47.2237



57.5775, 74.2661, 83.6250



71.5456, 74.2661, 127.5734



85.4235, 74.2661, 78.1628

Rectangle

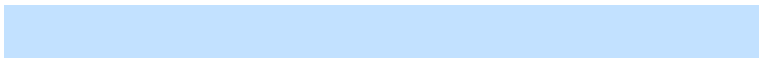
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6384, 74.2661, 47.2237



59.9128, 74.2661, 59.5645



71.5456, 74.2661, 127.5734



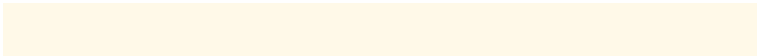
82.4607, 74.2661, 106.7155

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.6403, 74.2695, 47.2252



89.8180, 95.0998, 90.0034



58.9049, 49.8631, 52.6970



19.0534, 20.1912, 18.6564



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6403, 74.2695, 47.2252



76.5147, 81.5659, 45.2677



68.7085, 81.3098, 48.6333



16.7783, 17.7698, 16.6953



28.8973, 28.5927, 3.9959



2.4808, 2.5322, 0.3580

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.1623, 49.2631, 90.1370



49.7337, 48.8731, 101.4199



49.8252, 44.3659, 89.1568



15.2094, 15.8529, 19.9799



9.5348, 5.2939, 45.6472



0.8685, 0.5910, 3.8225

Previews

White Background



This preview shows how the XYZ color 69.6384, 74.2661, 47.2237 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.6384, 74.2661, 47.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

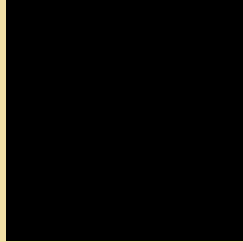
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6384, 74.2661, 47.2237

Background



This preview shows how black text looks on a background with the XYZ color 69.6384, 74.2661, 47.2237.

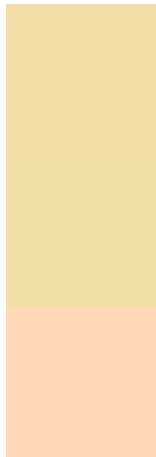


This preview shows how white text looks on a background with the XYZ color 69.6384, 74.2661,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.6384, 74.2661, 47.2237

Protanopia

69.2979, 74.0906, 47.2077

Deuteranopia

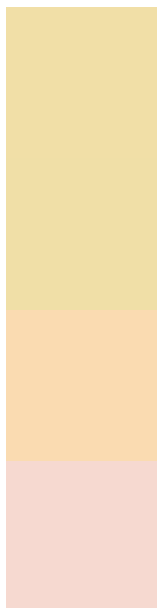
74.6001, 74.3046, 55.2101



Tritanopia

77.5373, 74.0024, 85.7985

Trichromacy



Original Color

69.6384, 74.2661, 47.2237

Protanomaly

69.2979, 74.0906, 47.2077

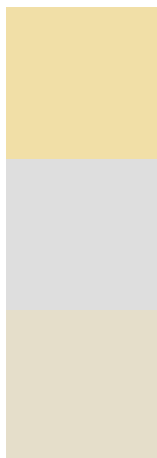
Deuteranomaly

72.6917, 74.1614, 52.0783

Tritanomaly

74.2041, 73.7726, 70.0031

Monochromacy



Original Color

69.6384, 74.2661, 47.2237

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.0950, 73.1648, 66.3576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6384, 74.2661, 47.2237 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 223, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 223, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 167) }
```

Border

The CSS property to change the border of an element to XYZ 69.6384, 74.2661, 47.2237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 223, 167) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 223, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 223, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 223, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 223, 167); box-shadow:4px 4px 4px 4px rgb(241, 223, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6384, 74.2661, 47.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 223, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
223, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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